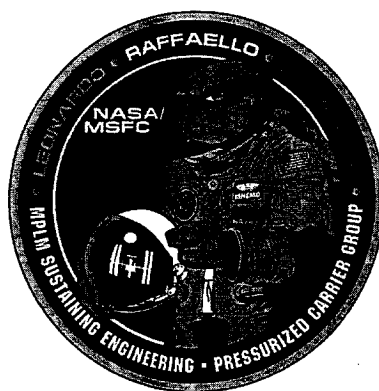




ISS-MPLM-PLAN-019
Revision BASIC
February 3, 2003

PRESSURIZED CARRIERS

Group



EXPORT ADMINISTRATION
REGULATIONS (EAR) CONTROLLED DATA

Multi Purpose Logistics Module

Quality Plan

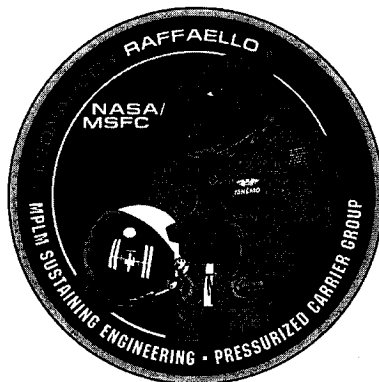
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ISS-MPLM-PLAN-019
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February 3, 2003

PRESSURIZED CARRIERS

Group



EXPORT ADMINISTRATION
REGULATIONS (EAR) CONTROLLED DATA

Multi Purpose Logistics Module

Quality Plan

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Signature Page

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REGULATIONS (LAW) CONTROLLED DATA

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DOCUMENT HISTORY LOG

Status (Baseline/ Revision/ Canceled)	Document Revision	Effective Date	Description
Baseline	-	2/03/2003	Baseline Basic Document

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1.0 PURPOSE / SCOPE

The purpose of this plan is to specify the Quality Assurance approach to implementing the MSFC Quality System as defined in MPD 1280.1, "Marshall Management Manual" and associated implementing documentation for the Multi Purpose Logistics Module (MPLM) sustaining engineering projects developed In-House. This plan addresses the quality approach at MSFC for receiving inspection, assembly and test activities associated with the design, development and checkout of hardware needed to replace existing equipment on the MPLM. Applicable MSFC procedures and work instructions are reference documents which will be complied with. This plan is intended to be compliant with the requirements of the Pressurized Carriers, (FD24), Implementing Plans for sustaining engineering, such as, "MPLM Thermostat Development Plan", ISS- MPLM-Plan-017 and future work of the same nature. Overall, the Pressurized Carriers group will structure sustaining efforts under the overall guidelines set forth by ISS-MPLM-Plan-15, "MPLM Sustaining Engineering Plan."

2.0 APPLICABLE DOCUMENTS

NPG 7120.4B	Program/Project Management
NPG 7120.5A	Program & Project Management Process and Requirements
MPD 1280.1	Marshall Management Manual
MPG 1050.1	Contract (Customer Assessment) Review
MPG 1280.2	Process Control
MPG 1280.4	MSFC Corrective Action System
MPG 1280.6	Internal Quality Audits
MPG 1410.2	Marshall Management Directives System
MPG 1440.2	Marshall Records Management Program
MPG 3410.1	Training
MPG 4000.1	Control of Customer-Supplied Product
MPG 4000.2	Property Management
MPG 5000.1	Purchasing
MPG 6410.1	Handling, Storage, Packaging, Preservation and Delivery
MPG 8040.1	Configuration Management, MSFC Programs/Projects
MPG 8040.2	Product Identification
MPG 8040.3	Product Traceability
MPG 8060.1	Flight Systems Design/Development Control
MPG 8730.1	Inspection & Testing
MPG 8730.2	Inspection & Test Status
MPG 8730.3	Control of Non-Conforming Product
MPG 8730.4	Statistical Techniques
MPG 8730.5	Control of Inspection, Measuring and Test Equipment
MWI 1280.3	Corrective/Preventive Action Notification System

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MWI 1280.5 MSFC Alert Processing
MWI 5100.1 Procurement Initiator's Guide
MWI 5113.1 Government-wide Commercial Purchase Card Operating Procedures

ISS-MPLM-Plan-015 MPLM Sustaining Engineering Plan

MSFC-Std-3012 EEE Parts Man Account and Control for MSFC Hardware

FD24-CM01 Pressurized Carriers Group Configuration Management Plan

QS-QA-001 Acceptance Reporting Instruction
QS-QA-003 Quality Assurance Guidelines for Test Activities
QS-QA-008 Review of Work Authorizing Documents
QS-QE-001 Project Quality Instruction
QS-QE-003 Participation in Space Flight Program/Project Baseline Design Review
Program

3.0 DEFINITIONS

Quality Sensitive - A term applied to MSFC procurement requests to identify flight hardware and flight associated ground support equipment. This term applies to those items that are to be assembled into a launch vehicle and associated equipment for testing, handling, launching, and maintaining a vehicle in space. This term also applies to qualification and re-qualification hardware. Hardware that is procured for development testing is not quality sensitive unless the data resulting from development activities will be used in the "justification for qualification" of flight hardware or flight associated hardware or is used in a hazardous operation.

Count and Condition – An inspection, usually conducted upon receipt, performed to verify that the quantity ordered has been received, and to verify that the shipping container and contents have not been damaged in transit.

Deviation Approval Request (DAR)- A specific request to depart from a baselined performance or design requirement of a specification, drawing or other document for a specific number of units or a specified time period. DAR's differ from an engineering change in that an approved engineering change requires corresponding revision of the documentation defining the affected item, whereas the DAR does not contemplate revision of the applicable specification or drawing. DAR's shall be filled out using the MSFC Form 847.

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4.0 ACRONYMS

ADP	Acceptance Data Package
CoC	Certificate of Compliance
COTS	Commercial Off the Shelf
CSP	Customer-Supplied Product
DAR	Deviation Approval Request
EEE	Electronic, Electrical, and Electromechanical
GSE	Ground Support Equipment
IM	Isolation Mode
IPT	Integrated Product Team
MPLM	Multi-Purpose Logistics Module
MQM	MSFC Quality Manual
MSFC	Marshall Space Flight Center
PC	Pressurized Carriers
PCB	Printed Circuit Board
PIND	Particle Impact Noise Detection
PWA	Printed Wiring Assembly
PWB	Printed Wiring Board
QA	Quality Assurance
QAR	Quality Assurance Representative
QMS	Quality Management System
S&MA	Safety and Mission Assurance
RVC	Requirements, Verification, and Compliance
WAD	Work Authorizing Document

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5.0 QUALITY SYSTEM Requirements

5.1 Management Responsibilities.

The MPLM Element Manager is responsible for ensuring the quality assurance requirements set forth by this document are understood, implemented, and maintained at all organizations participating in the Pressurized Carriers (PC) Group Projects, as specified in document NPG 7120.4B "Program/Project Management" and NPG 7120.5A, "Program and Project Management Process and Requirements".

5.2 Quality System.

The MPLM Element Manager and the Cargo Assurance Department (QS30) / Quality Assurance Representative (QAR) will be responsible for the implementation of the MSFC ISO Quality Management System (QMS).

5.3 Contract Review.

Customer Agreement(s) will be reviewed in accordance with MPG 1050.1, "Contract (Customer Agreement) Review." The customer agreement(s) is a quality record(s) that will be maintained and controlled by the MPLM Element Manager (FD24) as specified in ISS-MPLM-Plan-015, "MPLM Sustaining Engineering Plan", Par 4.1.4.3.

5.4 Design Review.

Design Control will be accomplished in accordance with MPG 8060.1 and MPG 8040.1. The type and number of Design Reviews will be specified in the appropriate Development Plan. Specific requirements for documentation review and approval are defined in the PC Group Configuration Management Plan (FD24-CM01).

Reviews of drawings will be performed by the QS30 QAR to the requirements of "Project Quality Inspection" (QS-QE-001and), "Review of Work Authorizing Documents (QS-QA-018). The QAR will support the design review to the requirements of QS01-QE-003, "Participation in Space Flight Program / Project Baseline Design Review Process".

Configuration Management requirements defined in MPG 8040.1 will be implemented by the "PC Group Configuration Management Plan" (FD24-CM01)

5.5 Document and Data Control.

Documentation and data control will be accomplished in accordance with MPG 1410.2, "Marshall Management Directives System". Hardware designs will be controlled by End Item Specifications.

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5.6 Purchasing.

Procurements will be reviewed to the requirements of MPG 5000.1, "Purchasing," and MWI 5100.1 "Procurement Initiator's Guide." All purchase requests for items considered "Quality Sensitive" will be reviewed by the project QAR, to the requirements of QS-QE-001, "Project Quality Instruction." Minimum requirements for receiving of Quality Sensitive items will be "Count and Condition" inspection. Credit Card purchases for flight hardware will be done in accordance with MWI 5113.1, Governmentwide Commercial Purchase Card Operating Procedures. Coordination of inspection and test activities between MSFC and their subcontractor will be identified in the procurement documentation.

5.7 Control of Customer-Supplied Product.

Control of Customer-Supplied Product (CSP) will be in accordance with MPG 4000.1, "Control of Customer-Supplied Product".

5.8 Product Identification and Traceability

5.8.1 Product Identification. Identification will be in accordance with MPG 8040.2, "Product Identification".

5.8.2 Product Traceability. Traceability will be in accordance with MPG 8040.3, "Product Traceability". EEE Parts will be controlled in accordance with MSFC-STD-3012, "EEE Parts Management and Control for MSFC Space Flight Hardware". Level of part and material traceability will be defined by the Project and will be flowed into the engineering and Engineering Parts Lists by the responsible organization.

A waiver will be requested from the JSC EEE Parts Board to use industrial grade EEE parts.

MPLM hardware development activities will use MSFC ALERT system to track potential nonconformances related to parts, components, and manufacturing processes, per MWI 1280.5, "MSFC Alert Processing."

5.9 Process Control.

Process will be controlled in accordance with MPG 1280.2, "Process Control".

5.10 Inspection and Test.

Inspection and testing will be performed per MPG 8730.1, "Inspection and Testing" and as specified below.

5.10.1 Receiving Inspection and Nonconformance Feedback. Receiving inspection will be performed by the QS30/QA. Results of quality inspection will be documented per QS-QA-001, "Acceptance Reporting Instruction", and MPG 4000.2, "Property Management". Specific quality requirements for receiving inspection and test are documented in Appendix A.

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Items found nonconforming and accepted by the NASA contracting officer will be documented and dispositioned to the requirements of MPG 8730.3, "Control of Nonconforming Product," prior to further processing.

5.10.2 In-process Inspection and Test. In-process inspection and test performed at MSFC will be specified in the approved, controlled Work Authorizing Documents (WADs) and will be performed in accordance with approved procedures. Prior to performing test, the test documents will be reviewed by QA in accordance with QS-QA-003, "Quality Assurance Guidelines for Test Activities."

5.10.3 Final Inspection and Test. Final inspection and test performed at MSFC will be specified in the approved, controlled WADs and will be performed in accordance with approved plans and procedures. Prior to performing a test, the test documents will be reviewed by QA in accordance with QS-QA-003.

5.10.4 Inspection and Test Records. Inspection and test records required by the PC's project for verification and/or flight certification requirements will be specified or identified in the appropriate End Item Specification and kept as quality records as per MPG 8730.1, MPG 8730.2, and QS-QA-014.

5.11 Control of Inspection, Measuring, and Test Equipment.
The control of inspection, measuring and test equipment used to characterize and/or accept in-scope Flight, and Flight associated hardware and software will meet the requirements of MPG 8730.5, "Control of Inspection, Measuring, and Test Equipment".

5.12 Inspection and Test Status.
Inspection status/stamp control will be to the requirements of MPG 8730.2, "Inspection and Test Status".

5.13 Control of Nonconforming Product.
Nonconforming article and material control will be as specified in MPG 8730.3, "Control of Nonconforming Product".

5.14 Corrective and Preventive Action.

5.14.1 Corrective Action. Corrective Action will be in accordance with MPG 1280.4, "MSFC Corrective Action System".

5.14.2 Corrective/Preventive Action. Corrective/Preventive Action will be in accordance with MWI 1280.3, "Corrective/Preventive Action Notification System".

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5.15 Handling, Storage, Packaging, Preservation and Delivery.

Handling, storage, preservation, marking, labeling, packaging, and shipping will be to the requirements of MPG 6410.1, "Handling, Storage, Packaging, Preservation, and Delivery" and as specified in Appendix A.

5.16 Control of Quality Records.

All submitted Quality Records for the PC Group will be retained by the PC/MPLM Element Manager in accordance with MPG 1440.2, "MSFC Records Management Program".

The Quality Records generated by the QS30/QA, will be maintained as specified in QS-QA-014, "Quality Assurance Records Center". All data items should be addressed to "Quality Records Center (QS30), PC's Group File." QS30 will deliver data packages as copies of the original submitted documentation. They will be itemized as specified by the PC Group. Upon completion of the project the original data will be delivered as specified by the PC Group.

5.17 Internal Quality Audits.

Internal quality audits will be performed to the requirements of MPG 1280.6, "Internal Quality Audits". Internal audits for this program will be scheduled based on the status and importance of the activity to be audited. Audits will be performed by qualified personnel independent of those having direct responsibility for the activity being audited. The results of audits will be recorded and provided to those having responsibility, and timely corrective action provided for discrepancies/deficiencies identified.

5.18 Training.

Training will be in accordance with MPG 3410.1, "Training".

5.19 Servicing.

Servicing not applicable in accordance with MPD 1280.1.

5.20 Statistical Techniques.

Statistical Techniques will be in accordance with MPG 8730.4, "Statistical Techniques".

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APPENDIX A

Pressurized Carrier's Project Hardware Quality Requirements

The Pressurized Carrier's Group (FD24) Sustaining Engineering In-House Projects will certify flight hardware using appropriate Qualification Test Plans. The following list specifies the level of involvement of the MSFC Cargo Assurance Department/QS30 during the design, receiving, fabrication, assembly, and testing process:

1. Credit card purchases for flight and related hardware items associated with PC's Hardware will be purchased in accordance with MWI 5113.1, "Government-wide Commercial Purchase Card Operating Procedures".
2. Certificates of Compliance (CoC) and a Count and Condition Inspection are the minimum accepted in accordance with QS-QE-001. Inspection and QA monitoring will be at the sub-component level of testing and /or assembly. Storage of flight parts for PC Group's Hardware will be done by the designated MSFC contractor.
3. Particle Impact Noise Detection (PIND) and x-ray testing will be performed as required.
4. Incoming, blank printed circuit boards (PCBs) will require QS30/QA inspection.
5. Before final assembly of the electronics boxes, QS30/QA will visually inspect all connectors and the PCB installations. This inspection will include workmanship requirements performed on the assembled PCBs for soldering, conformal coating, parts routing and staking. These inspections will be in accordance with MPG 1280.2, "Process Control".
6. Inspection status will be maintained by QS30/QA from receipt through shipment in accordance with QS-QA-001, "Acceptance Reporting Instruction".
7. QS30/QA will review all test procedures in accordance with QS-QA-003, "Quality Assurance Guidelines for Test Activities".
8. QS30/QA will monitor all testing in accordance with QS-QA-003, "Quality Assurance Guidelines for Test Activities".

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APPENDIX B:

Acceptance Data Package (ADP) Requirements, typical for in house development responsibility.

Acceptance Data Package	Responsibility
--------------------------------	-----------------------

Complete Shipping Documents, DD250 or equivalent
 Identification Configuration Inspection Review
 Historical Data
 All Program Waivers, Deviations or Exceptions
 Unexplained Anomalies
 Ship Short Items
 Open Paper
 Open Work
 Drawings
 LOLI Or Age Sensitive Items
 Operating Time/Cycle Data
 Installed Non-Flight Items
 Proof Load Certifications
 Certificate of Cleanliness
 Material Certifications (MUA/MIUL)
 Phase III Ground Safety Issues
 Material Safety Data Sheet
 Reliability Data
 Safety Data
 Hazard Reports
 Weight & CG
 Logistics
 ABCL
 Repair Procedures/ Repair Limitations
 SW Documentation
 Nonflight Hardware/Temporary Installations
 Customer Procedures/KSC Procedure Inputs
 Verification Data
 Verification Tracking Log (Specifications)

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APPENDIX C:

Quality Deliverables

1. Pressurized Carriers Group MPLM Project Quality Plan
2. MSFC Project Specific Vendor Evaluation Survey and Approval Sheet required as needed
3. Pressurized Carriers Group MPLM Project 'As-Built Configuration Status'
Required upon completion of Project Specific Element for Pre-Shipment Review

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MARSHALL SPACE FLIGHT CENTER CONFIGURATION CONTROL BOARD DIRECTIVE (CCBD)

1. CCBD NUMBER: MP3-00-0031	2. CONFIGURATION CONTROL BOARD: MPLM LEVEL 111 CCB	3. DATE: 02/04/2003																								
4. CHANGE NUMBER: FD24-0009		5. PAGE <u>1</u> OF <u>2</u>																								
6. PROGRAM CONTROL NUMBER: MP00029	7. RESPONSIBLE INDIVIDUAL(S) ORGANIZATION(S): Allen Shariett/FD24, 544-7236																									
8. CHANGE TITLE: Pressurized Carriers Group/Mutli Pourpose Logistics Module Quality Plan		9. END ITEM NUMBER AND NOMENCLATURE: MPLM																								
10. EFFECTIVITY: MP01		11. BASELINE DOCUMENT AFFECTED: N/A																								
12. IMPACTS: _____ <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: center;">YES</td> <td style="text-align: center;">NO</td> <td></td> <td style="text-align: center;">YES</td> <td style="text-align: center;">NO</td> </tr> <tr> <td>Weight</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>Memory</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td>Schedule</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>Cost per Flight</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td>Power</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>Environmental</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>			YES	NO		YES	NO	Weight	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Memory	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Schedule	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cost per Flight	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Power	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Environmental	<input type="checkbox"/>	<input checked="" type="checkbox"/>	13. IMPACT COST: FY- _____ COST: _____ FY- _____ COST: _____ FY- _____ COST: _____ FY- _____ COST: _____ FY- _____ COST: _____ TOTAL COST: _____ N/A
	YES	NO		YES	NO																					
Weight	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Memory	<input type="checkbox"/>	<input checked="" type="checkbox"/>																					
Schedule	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cost per Flight	<input type="checkbox"/>	<input checked="" type="checkbox"/>																					
Power	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Environmental	<input type="checkbox"/>	<input checked="" type="checkbox"/>																					

14. CHANGE DISPOSITION:

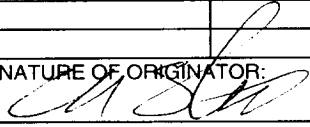
1. ECR FD24-0009 is approved as written.

2. Document, ISS-MPLM-Plan-019, Pressurized Carriers Group/Mutli Pourpose Logistics Module Quality Plan Dated Februaey 03, 2003, is hereby baselined.

3. Bessie Lee/PWI shall provied a copy of this document , Basic to the MSFC Documentation Repository for file and distribution per the Pressurized Carriers Group Distribution List.

4. All future changes to this Document shall require an ECR.

15. CCB MEMBERS	CONCUR YES	CONCUR NO	CCB MEMBERS	CONCUR YES	CONCUR NO	16. CCB CHAIRPERSON
						 Bessie Lee/FD24/PWI CCB Secretariat
C. Allen Shariett/FD24						
	X					 Randy McClendon/FD24 Chairman, Pressurized Carriers, MPLM CCB
Shawn Reagan/FD24						
	X					
Michelle Butler/FD11						

1. NUMBER: FD24-0009	2. PCN: MP00029	MSFC ENGINEERING CHANGE REQUEST (ECR) (See Instructions: MSFC Form 2327-2)	3. DATE: 02/04/2003	4. PAGE: 1 OF 1	
5. TO: FD24/Randy K. McClendon		6. THRU:		7. FROM: FD24/ALLEN SHARIETT	
8. TITLE OF CHANGE: Baseline Pressurized Carriers/MPLM Quality Plan					
9. RECOMMENDED PRIORITY: <input type="checkbox"/> EMERGENCY <input type="checkbox"/> URGENT <input checked="" type="checkbox"/> ROUTINE		10. NEED DATE: 02/10/2003			
11. PROGRAM(S)/PROJECT(S) AFFECTED: ISS MPLM		12. CONFIGURATION ITEM(S) AFFECTED BY NOMENCLATURE: MPLM			
13. RECOMMENDED EFFECTIVITY(IES): MP01		14. DOCUMENTATION AFFECTED (Specs, ICD, etc.): N/A			
15. RELATED CHANGES (ECR, ECP, CR, etc.) BY NUMBER: N/A		15A. INITIATING DOCUMENT NUMBER (e.g., DR, Software Trouble Report, etc.):			
16. JUSTIFICATION FOR CHANGE (Include effect if not incorporated. If necessary, continue on MSFC Form 2327-1, Continuation Sheet): Required to define the Pressurized Carriers/ MPLM Quality Plan responsibilities and activities.					
17. EFFECTS ON: <input type="checkbox"/> HARDWARE <input type="checkbox"/> FACILITY <input type="checkbox"/> SCHEDULE (SEE ENCLOSURE _____ FOR IMPACT) <input checked="" type="checkbox"/> REQUIREMENTS DOCUMENTATION <input type="checkbox"/> SOFTWARE <input type="checkbox"/> ENVIRONMENT <input type="checkbox"/> COST (ESTIMATED COST INCLUDED IN ENCLOSURE _____) <input type="checkbox"/> OTHER (SPECIFY): _____					
18. DESCRIPTION OF CHANGE (Include reference to enclosure. If necessary, continue on MSFC Form 2327-1, Continuation Sheet.): Baseline release ISS-MPLM-PLAN-019					
19. MOD KIT INFORMATION:					
YES NO				Enclosure	
<input type="checkbox"/> <input checked="" type="checkbox"/> Previously issued modification instructions affected? (Explain)					
<input type="checkbox"/> <input checked="" type="checkbox"/> Proofing of modification instructions and kit installation required? (Explain)					
Proofing location:					
<input type="checkbox"/> <input checked="" type="checkbox"/> Retest required? (Identify test invalidated by change)					
<input type="checkbox"/> <input checked="" type="checkbox"/> Requalification required? (Include description of test plan for requalification)					
Vehicle/Site & CI Serial No.	Change Period	Mod Kit Delivery Date	Est. M/H for Mod Kit Instl.	Out-of-Service Time	
20. SIGNATURE OF ORIGINATOR: 		DATE: 2/5/03	TELEPHONE NUMBER: (256) 544-7236	OFFICE SYMBOL: FD24	
21. CONCURRENCE					
SIGNATURE	ORG. CODE	DATE	SIGNATURE	ORG. CODE	DATE
22. TECHNICAL APPROVAL					
SIGNATURE	ORG. CODE	DATE	SIGNATURE	ORG. CODE	DATE

PACKAGE NUMBER: 9955R	DOCUMENTATION PACKAGE / ROUTING SLIP		SHEET	1	OF	1
PROGRAM/PROJECT: Pressurized Carriers/MPLM						
CEI NUMBER:			NOMENCLATURE: Pressurized Carriers/Multi Purpose Logistics Module Quality Plan			
ECR NUMBER: FD24-0009			CCBD NUMBER: MP3-00-0031			
PCN NUMBER: MP00029			DATE PREPARED: 02/06/2003			
DRAWING / DOCUMENT NUMBER	DRL / EPL NUMBER		EO NUMBER			
SUBMITTED BY ENGINEERING AREA:	BASIC RELEASE <input checked="" type="checkbox"/>		; PARTIAL <input type="checkbox"/>		COMPLETE <input checked="" type="checkbox"/>	
	CHANGE RELEASE <input type="checkbox"/>		; PARTIAL <input type="checkbox"/>		COMPLETE <input type="checkbox"/>	
THIS SUBMITTAL CLOSES ACTION ON ABOVE CCBD BY: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO						
PREPARED BY: Bessie Lee/PWI/FD24			DATE: 02/06/2003		TRANSMITTAL DATES	
SUBMITTED BY: Bessie Lee/PWI/FD24			DATE: 02/06/2003		TO RELEASE:	
CONCURRENCE: <i>Johnny Robinson</i> 2/6/03 Johnny Robinson/PWI/FD24			DATE: 02/06/2003		TO MSFC REPOSITORY:	
REMARKS:						

MSFC DOCUMENTATION REPOSITORY - DOCUMENT INPUT RECORD

I. GENERAL INFORMATION

1. APPROVED PROJECT: PressurizedCarriers Group/MPLM	2. DOCUMENT/ DRAWING NUMBER: ISS-MPLM-PLAN-019	3. CONTROL NUMBER: MP00029	4. RELEASE DATE: 02/06/2003	5. SUBMITTAL DATE: 2-6-03
6. DOCUMENT/DRAWING TITLE: PressurizedCarriers Group/MPLM Quility Plan			7. REPORT TYPE: Plan	
8. CONTRACT NUMBER / PERFORMING ACTIVITY: 477-72-61	9. DRD NUMBER: NA	10. DPD / DRL / IDRD NUMBER: NA		
11. DISPOSITION AUTHORITY (Check One): <input checked="" type="checkbox"/> Official Record - NRRS 8/5/A/1 (c) <input type="checkbox"/> Reference Copy - NRRS 8/5/A/3 (destroy when no longer needed)	12. SUBMITTAL AUTHORITY: Allen Shariett/FD24	13. RELEASING AUTHORITY: MPLM LEVEL III CCB		
14. SPECIAL INSTRUCTIONS: Index, File and distrubute per list attached for Baseline Pressurized Carriers Group (PC) Multi Pourpose Logistics Module (MPLM)				
15. CONTRACTOR/SUBMITTING ORGANIZATION, ADDRESS AND PHONE NUMBER: MSFC		16. ORIGINATING NASA CENTER: MSFC		
		17. OFFICE OF PRIMARY RESPONSIBILITY: Allen Shariett/ FD24		
18. PROGRAMMATIC CODE (5 DIGITS): 477-72-61			19. NUMBER OF PAGES: #6 178	

II. ENGINEERING DRAWINGS

20. REVISION: Basic	21. ENGINEERING ORDER: NA	22. PARTS LIST: N/A	23. CCBD: MP3-00-0031
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III. REPORTS, SPECIFICATIONS, ETC.

24. REVISION:	25. CHANGE:	26. VOLUME:	27. BOOK:	28. PART:	29. SECTION:
30. ISSUE:	31. ANNEX:	32. SCN:	33. DCN:	34. AMENDMENT:	
35. APPENDIX:	36. ADDENDUM:	37. CCBD: MP3-00-0031	38. CODE ID:	39. IRN:	

IV. EXPORT AND DISTRIBUTION RESTRICTIONS

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| <input type="checkbox"/> Privacy Act (see MWI 1382.1) | <input checked="" type="checkbox"/> EAR (see MPG 2220.1) |
| <input type="checkbox"/> Proprietary (see MPD 2210.1) | <input type="checkbox"/> Other ACI (see NPG 1620.1 and MPG 1600.1) |
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| <input type="checkbox"/> ITAR (see MPG 2220.1) | |

V. ORIGINATING ORGANIZATION APPROVAL

40. ORG. CODE: FD24	41. PHONE NUMBER: (256) 544-3559	42. NAME: Randy K. McCLENDON	43. SIGNATURE/DATE: <i>Randy K. McCleendon</i> 6 FEB 03
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VI. TO BE COMPLETED BY MSFC DOCUMENTATION REPOSITORY

44. RECEIVED BY: <i>Craig Donath</i>	45. DATE RECEIVED: 2-7-03	46. WORK ORDER: 02-00263-3
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